

### Method of Storing Solar Energy

An amount of photosynthetically produced biomass such as wood is converted into charcoal and a substantial portion of the charcoal is permanently stored. The remaining residual amount is converted into energy or an energy source like hydrogen. The main portion of the charcoal remains in storage for sustainable energy supply by means of combustion reversal, however, may be utilized at any desired time for generating energy or an energy source like hydrogen.